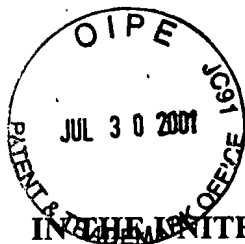


ENSEMB.013A



PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bourlas, et al.)
App. No. : Unknown)
Filed : March 5, 2001)
For : METHOD AND APPARATUS FOR)
IMPLEMENTING A MAC)
COPROCESSOR IN A)
COMMUNICATIONS SYSTEM)
Examiner : Unknown)

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ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and

App. No. :

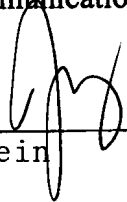
Filed : March 5, 2001

revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

Ensemble Communications, Inc.

Dated: 6/20/01

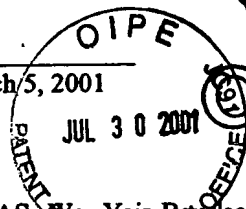
By: 
Jay Klein

Title: Chief Technical Officer

Address: 9890 Towne Centre Drive
San Diego, CA 92121

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Application No.:
Filing Date: March 5, 2001



COPY

ASSIGNMENT

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PATENT

Client Code: ENSEMB.013A

Page 1

WHEREAS, Yair Bourlas, a Canadian citizen, residing at 17876 Aguamiel Road, San Diego, CA 92127, Lewis N. Cohen, a U.S. citizen, residing at 9126 Rebecca Avenue, San Diego, CA 92123, Michael G. Reeves, a U.S. citizen, residing at 3436 Lady Hill Road, San Diego, CA 92130 and Kenneth L. Stanwood, a U.S. citizen, residing at 2403 Montgomery Avenue, Cardiff by the Sea, CA 92007, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR IMPLEMENTING A MAC COPROCESSOR IN A COMMUNICATIONS SYSTEM for which we have filed an application for Letters Patent in the United States, Application No. 09/800,267 Filing Date March 5, 2001. The undersigned hereby authorizes and requests the attorneys of record Knobbe, Martens, Olson & Bear, LLP, customer no. 20,995 to insert the serial number of the application.

AND WHEREAS, Ensemble Communications, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 9890 Towne Centre Drive, San Diego, CA 92121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of April, 2001.

Yair Bourlas

STATE OF CALIFORNIA

COUNTY OF SAN DIEGO

ss.

On 4/16/01, before me, KATHLEEN CAHILL, personally appeared Yair Bourlas personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Kathleen Cahill
Notary Signature



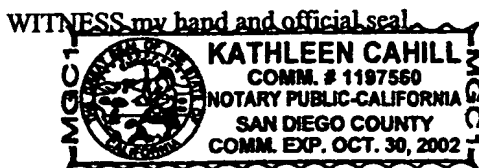
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4th day of April, 2001

L N Cohen

Lewis N. Cohen

STATE OF CALIFORNIA
COUNTY OF SAN DIEGO } ss.

On 4/4/01, before me, KATHLEEN CAHILL, personally appeared Lewis N. Cohen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Kathleen Cahill
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of APRIL, 2001

Michael G. Reeves
Michael G. Reeves

STATE OF CALIFORNIA
COUNTY OF SAN DIEGO } ss.

On 4/5/01, before me, KATHLEEN CAHILL, personally appeared Third personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Kathleen Cahill
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9th day of April, 2001.

COPY


Kenneth L. Stanwood

STATE OF

COUNTY OF

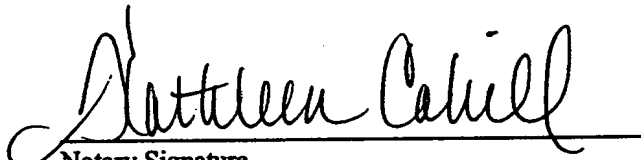
ss.

On 4/9/01, before me, KATHLEEN CAHILL, personally appeared Fourth personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]




Notary Signature

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